



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

Truesdail Laboratories, Inc.

**3337 Michelson Drive, Suite CN-750
Irvine, CA 92612**

has been assessed by ANAB
and meets the requirements of international standard

ISO/IEC 17025:2005

while demonstrating technical competence in the field of

TESTING

Refer to the accompanying Scope of Accreditation for information regarding the types of tests to which this accreditation applies.

AT-1408

Certificate Number

ANAB Approval

Certificate Valid: 12/20/2017 - 12/01/2019
Version No. 004 Issued: 12/20/2017



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005 AND
ALL RELEVANT ELEMENTS OF ILAC-G7:02/2016 FOR
HORSERACING TEST LABORATORIES**

Truesdail Laboratories, Inc.

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TESTING

Valid to: **December 01, 2019**

Certificate Number: **AT-1408**

Chemical

| Specific Tests and/or Properties Measured | Specification, Standard, Method, or Test Technique | Items, Materials or Product Tested | Key Equipment or Technology |
|--|--|--|------------------------------------|
| ELISA | In-House Methods and Manufacturer's Instructions ILAC-G7:02/2016 ³ | Biological Material ² | Immunoassay Kits and Reader |
| TCO2 | In-House Methods and Manufacturer's Instructions ILAC-G7:02/2016 ³ | Biological Material ² | Direct CO2 Reading Instrument |
| Specific Gravity | In-House Methods and Manufacturer's Instructions ILAC-G7:02/2016 ³ | Biological Material ² | Refractometer |
| Liquid Chromatography, Various Detectors | In-House Methods ILAC-G7:02/2016 ³ | Biological Material ² | HPLC |
| Instrumental Screen | In-House Methods ILAC-G7:02/2016 ³ | Biological Material ² | GC/MS |
| Instrumental Screen | In-House Methods ILAC-G7:02/2016 ³ | Biological Material ² | LC/MS |
| Drug Confirmation | In-house Methods ILAC-G7:02/2016 ³ | Biological Material ² | GC/MS LC/MS |
| Trace Metals | In-House Methods and Manufacturer's Instructions ILAC-G7:02/2016 ³ | Biological Material ² Cannabis and Cannabis Products | ICP-OES ICP/MS |

Chemical

| Specific Tests and/or Properties Measured | Specification, Standard, Method, or Test Technique | Items, Materials or Product Tested | Key Equipment or Technology |
|--|---|---|------------------------------------|
| pH | In-House Methods and Manufacturer's Instructions ILAC-G7:02/2016 ³ | Biological Material ² | pH Meter |
| ELISA | In-House Methods and Manufacturer's Instructions | Nutritional Supplements | Immunoassay Kits and Reader |
| Liquid Chromatography, Various Detectors | In-House Methods | Nutritional Supplements | HPLC |
| Instrumental Screen | In-House Methods | Nutritional Supplements | GC/MS |
| Instrumental Screen | In-House Methods | Nutritional Supplements | LC/MS |
| Confirmation of Chemical Identity | In-house Methods | Nutritional Supplements | GC/MS LC/MS |
| Lead | CPSC 16 CFR 1303 Lead in Paint CPSC-CH-E1003-09 | Children's Products | ICP-OES ICP/MS |
| Lead and other Heavy Metals | CPSC Standard Operating Procedures for Determining Lead and its Availability in Children's Metal Jewelry CPSC-CH-E1001-08.1 CPSC-CH-E1002-08.1 16 CFR 1303; ASTM E1613 ASTM E1645 | Children's Metal Jewelry | ICP-OES ICP/MS |
| Lead and other Heavy Metals | CPSC Standard Operating Procedures for Determining Lead and its Availability CPSC-CH-E1001-08.1 CPSC-CH-E1002-08.1 16 CFR 1303; ASTM E1613 ASTM E1645; ANSI Z66.1 ASTM D3630 | Textiles, Toys, Juvenile Products and Child Care Products including Packaging | ICP-OES ICP/MS |
| Phthalates | CPSC-CH-C1001-09.3 | Textiles, Toys, Juvenile Products and Child Care Products including Packaging | GC/MS |

Chemical

| Specific Tests and/or Properties Measured | Specification, Standard, Method, or Test Technique | Items, Materials or Product Tested | Key Equipment or Technology |
|--|--|--------------------------------------|---|
| Lead and other Metals | NSF/ANSI 61 & 372, EPA Methods, In-House Methods | Plumbing Products | ICP-OES ICP/MS |
| Organics | NSF/ANSI 61, EPA Methods, In house Methods | Plumbing Products | GC/MS LC/MS HPLC |
| Anions, Cations, Hexavalent Chromium, Inorganics | NSF/ANSI 61, EPA Methods | Plumbing Products | Ion Chromatograph, Spectrophotometer |
| Fungus Resistance Testing | MIL-STD-810 Method 508 RTCA/DO-160 Section 13 | Rubber, Plastic and Metal Components | Fungus Chamber |
| Potency, Cannabinoids | In-House Methods | Cannabis and Cannabis Products | HPLC |
| Residual Solvents | In-House Method | Cannabis and Cannabis Products | GC FID/MS |
| Terpines | In-House Method | Cannabis and Cannabis Products | GC FID/MS |
| Moisture | Loss on Drying/Karl Fisher | Cannabis and Cannabis Products | Oven/Titrator |
| Water Activity | In-House Method | Cannabis and Cannabis Products | Hygrometer |

Notes:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-1408.
2. Testing for performance enhancing or performance altering drugs in urine, blood, or other fluid or tissue from Horses, Dogs, Camels, Sheep, Cattle, other domestic animals, or Humans and various feed supplements, seized materials, or syringe contents as requested.
3. ILAC-G7:02/2016 Accreditation Requirements and Operating Criteria for Horseracing Laboratories.



Vice President